SEQUENCE LISTING

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<120> Transplant Media

<130> TPLANT-06468

<140> 10/657,851
<141> 2003-09-09

<160> 101

<170> PatentIn Ver. 2.0

<210> 1
<211> 64
<212> PRT
<213> Bos taurus

<400> 1
Met Arg Leu His His Leu Leu Leu Ala Leu Leu Phe Leu Val Leu Ser
1 5 10 15

Ala Gly Ser Gly Phe Thr Gln Gly Val Arg Asn Ser Gln Ser Cys Arg
20 25 30

Arg Asn Lys Gly Ile Cys Val Pro Ile Arg Cys Pro Gly Ser Met Arg
35 40 45

Gln Ile Gly Thr Cys Leu Gly Ala Gln Val Lys Cys Cys Arg Arg Lys
50 55 60

<210> 2
<211> 24
<212> PRT
<213> Xenopus laevis

<400> 2
Gly Val Leu Ser Asn Val Ile Gly Tyr Leu Lys Lys Leu Gly Thr Gly
1 5 10 15

Ala Leu Asn Ala Val Leu Lys Gln
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<210> 3
<211> 81
<212> PRT
<213> Xenopus laevis

<400> 3
Met Tyr Lys Gly Ile Phe Leu Cys Val Leu Leu Ala Val Ile Cys Ala
1 5 10 15

Asn Ser Leu Ala Thr Pro Ser Ser Asp Ala Asp Glu Asp Asn Asp Glu
20 25 30

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Val Glu Arg Tyr Val Arg Gly Trp Ala Ser Lys Ile Gly Gln Thr Leu
         35                  40                  45

Gly Lys Ile Ala Lys Val Gly Leu Lys Glu Leu Ile Gln Pro Lys Arg
     50                  55                  60

Glu Ala Met Leu Arg Ser Ala Glu Ala Gln Gly Lys Arg Pro Trp Ile
 65                  70                  75                  80

Leu
```

<210> 4
<211> 303
<212> PRT
<213> Xenopus laevis

<400> 4

```
Met Phe Lys Gly Leu Phe Ile Cys Ser Leu Ile Ala Val Ile Cys Ala
  1               5                  10                  15

Asn Ala Leu Pro Gln Pro Glu Ala Ser Ala Asp Glu Asp Met Asp Glu
            20                  25                  30

Arg Glu Val Arg Gly Ile Gly Lys Phe Leu His Ser Ala Gly Lys Phe
         35                  40                  45

Gly Lys Ala Phe Val Gly Glu Ile Met Lys Ser Lys Arg Asp Ala Glu
     50                  55                  60

Ala Val Gly Pro Glu Ala Phe Ala Asp Glu Asp Leu Asp Glu Arg Glu
 65                  70                  75                  80

Val Arg Gly Ile Gly Lys Phe Leu His Ser Ala Lys Lys Phe Gly Lys
                85                  90                  95

Ala Phe Val Gly Glu Ile Met Asn Ser Lys Arg Asp Ala Glu Ala Val
            100                 105                 110

Gly Pro Glu Ala Phe Ala Asp Glu Asp Leu Asp Glu Arg Glu Val Arg
        115                 120                 125

Gly Ile Gly Lys Phe Leu His Ser Ala Lys Lys Phe Gly Lys Ala Phe
    130                 135                 140

Val Gly Glu Ile Met Asn Ser Lys Arg Asp Ala Glu Ala Val Gly Pro
145                 150                 155                 160

Glu Ala Phe Ala Asp Glu Asp Leu Asp Glu Arg Glu Val Arg Gly Ile
                165                 170                 175

Gly Lys Phe Leu His Ser Ala Lys Lys Phe Gly Lys Ala Phe Val Gly
            180                 185                 190

Glu Ile Met Asn Ser Lys Arg Asp Ala Glu Ala Val Gly Pro Glu Ala
        195                 200                 205

Phe Ala Asp Glu Asp Phe Asp Glu Arg Glu Val Arg Gly Ile Gly Lys
    210                 215                 220

Phe Leu His Ser Ala Lys Lys Phe Gly Lys Ala Phe Val Gly Glu Ile
225                 230                 235                 240
```

```
Met Asn Ser Lys Arg Asp Ala Glu Ala Val Gly Pro Glu Ala Phe Ala
                245                 250                 255

Asp Glu Asp Leu Asp Glu Arg Glu Val Arg Gly Ile Gly Lys Phe Leu
            260                 265                 270

His Ser Ala Lys Lys Phe Gly Lys Ala Phe Val Gly Glu Ile Met Asn
        275                 280                 285

Ser Lys Arg Asp Ala Glu Ala Val Asp Asp Arg Arg Trp Val Glu
    290                 295                 300
```

<210> 5
<211> 17
<212> PRT
<213> Tachypleus gigas

<400> 5

```
Lys Trp Cys Phe Arg Val Cys Tyr Arg Gly Ile Cys Tyr Arg Arg Cys
  1               5                  10                  15

Arg
```

<210> 6
<211> 17
<212> PRT
<213> Tachypleus gigas

<400> 6

```
Arg Trp Cys Phe Arg Val Cys Tyr Arg Gly Ile Cys Tyr Arg Lys Cys
  1               5                  10                  15

Arg
```

<210> 7
<211> 129
<212> PRT
<213> Bufo gargarizans

<400> 7

```
Met Ser Gly Arg Gly Lys Gln Gly Gly Lys Val Arg Ala Lys Ala Lys
  1               5                  10                  15

Thr Arg Ser Ser Arg Ala Gly Leu Gln Phe Pro Val Gly Arg Val His
            20                  25                  30

Arg Leu Leu Arg Lys Gly Asn Tyr Ala Gln Arg Val Gly Ala Gly Ala
        35                  40                  45

Pro Val Tyr Leu Ala Ala Val Leu Glu Tyr Leu Thr Ala Glu Ile Leu
    50                  55                  60

Glu Leu Ala Gly Asn Ala Ala Arg Asp Asn Lys Lys Thr Arg Ile Ile
65                  70                  75                  80

Pro Arg His Leu Gln Leu Ala Val Arg Asn Asp Glu Glu Leu Asn Lys
                85                  90                  95
```

```
Leu Leu Gly Gly Val Thr Ile Ala Gln Gly Gly Val Leu Pro Asn Ile
            100                 105                 110

Gln Ala Val Leu Leu Pro Lys Thr Glu Ser Ser Lys Pro Ala Lys Ser
        115                 120                 125

Lys
```

<210> 8
<211> 21
<212> PRT
<213> Bufo gargarizans

<400> 8

```
Thr Arg Ser Ser Arg Ala Gly Leu Gln Phe Pro Val Gly Arg Val His
  1               5                  10                  15

Arg Leu Leu Arg Lys
             20
```

<210> 9
<211> 63
<212> PRT
<213> Bombyx mori

<400> 9

```
Met Asn Phe Val Arg Ile Leu Ser Phe Val Phe Ala Leu Val Leu Ala
  1               5                  10                  15

Leu Gly Ala Val Ser Ala Ala Pro Glu Pro Arg Trp Lys Leu Phe Lys
             20                  25                  30

Lys Ile Glu Lys Val Gly Arg Asn Val Arg Asp Gly Leu Ile Lys Ala
         35                  40                  45

Gly Pro Ala Ile Ala Val Ile Gly Gln Ala Lys Ser Leu Gly Lys
     50                  55                  60
```

<210> 10
<211> 63
<212> PRT
<213> Bombyx mori

<400> 10

```
Met Asn Phe Ala Lys Ile Leu Ser Phe Val Phe Ala Leu Val Leu Ala
  1               5                  10                  15

Leu Ser Met Thr Ser Ala Ala Pro Glu Pro Arg Trp Lys Ile Phe Lys
             20                  25                  30

Lys Ile Glu Lys Met Gly Arg Asn Ile Arg Asp Gly Ile Val Lys Ala
         35                  40                  45

Gly Pro Ala Ile Glu Val Leu Gly Ser Ala Lys Ala Ile Gly Lys
     50                  55                  60
```

<210> 11
<211> 63
<212> PRT
<213> Drosophila melanogaster

<400> 11
Met Asn Phe Tyr Lys Ile Phe Val Phe Val Ala Leu Ile Leu Ala Ile
1 5 10 15

Ser Ile Gly Gln Ser Glu Ala Gly Trp Leu Lys Lys Leu Gly Lys Arg
20 25 30

Ile Glu Arg Ile Gly Gln His Thr Arg Asp Ala Thr Ile Gln Gly Leu
35 40 45

Gly Ile Ala Gln Gln Ala Ala Asn Val Ala Ala Thr Ala Arg Gly
50 55 60

<210> 12
<211> 31
<212> PRT
<213> Sus scrofa

<400> 12
Ser Trp Leu Ser Lys Thr Ala Lys Lys Leu Glu Asn Ser Ala Lys Lys
1 5 10 15

Arg Ile Ser Glu Gly Ile Ala Ile Ala Ile Gln Gly Gly Pro Arg
20 25 30

<210> 13
<211> 13
<212> PRT
<213> Bos taurus

<400> 13
Ile Leu Pro Trp Lys Trp Pro Trp Trp Pro Trp Arg Arg
1 5 10

<210> 14
<211> 34
<212> PRT
<213> Lactococcus lactis

<400> 14
Ile Thr Ser Ile Ser Leu Cys Thr Pro Gly Cys Lys Thr Gly Ala Leu
1 5 10 15

Met Gly Cys Asn Met Lys Thr Ala Thr Cys His Cys Ser Ile His Val
20 25 30

Ser Lys

<210> 15
<211> 20
<212> PRT
<213> Rana catesbeiana

<400> 15
Phe Leu Gly Gly Leu Ile Lys Ile Val Pro Ala Met Ile Cys Ala Val
1 5 10 15

Thr Lys Lys Cys
20

<210> 16
<211> 25
<212> PRT
<213> Bos taurus

<400> 16
Phe Lys Cys Arg Arg Trp Gln Trp Arg Met Lys Lys Leu Gly Ala Pro
1 5 10 15

Ser Ile Thr Cys Val Arg Arg Ala Phe
20 25

<210> 17
<211> 19
<212> PRT
<213> Sus scrofa

<220>
<221> SITE
<222> (19)
<223> Xaa at this position can be any amino acid.

<400> 17
Arg Gly Gly Arg Leu Cys Tyr Cys Arg Arg Arg Phe Cys Val Cys Val
1 5 10 15

Gly Arg Xaa

<210> 18
<211> 16
<212> PRT
<213> Sus scrofa

<400> 18
Gly Gly Arg Leu Cys Tyr Cys Arg Arg Arg Phe Cys Ile Cys Val Gly
1 5 10 15

<210> 19
<211> 51
<212> PRT
<213> Homo sapiens

<400> 19
Met Lys Phe Phe Val Phe Ala Leu Ile Leu Ala Leu Met Leu Ser Met
1 5 10 15

Thr Gly Ala Asp Ser His Ala Lys Arg His His Gly Tyr Lys Arg Lys
20 25 30

Phe His Glu Lys His His Ser His Arg Gly Tyr Arg Ser Asn Tyr Leu
35 40 45

Tyr Asp Asn
50

<210> 20
<211> 38
<212> PRT
<213> Macaca fascicularis

<400> 20
Asp Ser His Glu Glu Arg His His Gly Arg His Gly His His Lys Tyr
1 5 10 15

Gly Arg Lys Phe His Glu Lys His His Ser His Arg Gly Tyr Arg Ser
20 25 30

Asn Tyr Leu Tyr Asp Asn
35

<210> 21
<211> 33
<212> PRT
<213> Phyllomedusa sauvagei

<400> 21
Ala Leu Trp Lys Thr Met Leu Lys Lys Leu Gly Thr Met Ala Leu His
1 5 10 15

Ala Gly Lys Ala Ala Leu Gly Ala Ala Ala Asp Thr Ile Ser Gln Thr
20 25 30

Gln

<210> 22
<211> 34
<212> PRT
<213> Phyllomedusa sauvagei

<400> 22
Ala Leu Trp Phe Thr Met Leu Lys Lys Leu Gly Thr Met Ala Leu His
1 5 10 15

Ala Gly Lys Ala Ala Leu Gly Ala Ala Ala Asn Thr Ile Ser Gln Gly
20 25 30

Thr Gln

<210> 23
<211> 30
<212> PRT
<213> Phyllomedusa sauvagei

<400> 23
Ala Leu Trp Lys Asn Met Leu Lys Gly Ile Gly Lys Leu Ala Gly Lys
1 5 10 15

Ala Ala Leu Gly Ala Val Lys Lys Leu Val Gly Ala Glu Ser
20 25 30

<210> 24
<211> 21
<212> PRT
<213> Misgurnus Anguillicaudatus

<400> 24
Arg Gln Arg Val Glu Glu Leu Ser Lys Phe Ser Lys Lys Gly Ala Ala
1 5 10 15

Ala Arg Arg Arg Lys
20

<210> 25
<211> 27
<212> PRT
<213> Apis mellifera

<400> 25
Gly Ile Gly Ala Val Leu Lys Val Leu Thr Thr Gly Leu Pro Ala Leu
1 5 10 15

Ile Ser Trp Ile Ser Arg Lys Lys Arg Gln Gln
20 25

<210> 26
<211> 33
<212> PRT
<213> Pardachirus pavoninus

<400> 26
Gly Phe Phe Ala Leu Ile Pro Lys Ile Ile Ser Ser Pro Leu Phe Lys
1 5 10 15

Thr Leu Leu Ser Ala Val Gly Ser Ala Leu Ser Ser Ser Gly Glu Gln
20 25 30

Glu

<210> 27
<211> 33
<212> PRT
<213> Pardachirus pavoninus

<400> 27
Gly Phe Phe Ala Leu Ile Pro Lys Ile Ile Ser Ser Pro Ile Phe Lys
1 5 10 15

Thr Leu Leu Ser Ala Val Gly Ser Ala Leu Ser Ser Ser Gly Gly Gln
20 25 30

Glu

<210> 28
<211> 176
<212> PRT
<213> Bos taurus

<400> 28
Met Glu Thr Gln Arg Ala Ser Leu Ser Leu Gly Arg Cys Ser Leu Trp
1 5 10 15

Leu Leu Leu Leu Gly Leu Val Leu Pro Ser Ala Ser Ala Gln Ala Leu
20 25 30

Ser Tyr Arg Glu Ala Val Leu Arg Ala Val Asp Gln Phe Asn Glu Arg
35 40 45

Ser Ser Glu Ala Asn Leu Tyr Arg Leu Leu Glu Leu Asp Pro Thr Pro
50 55 60

Asn Asp Asp Leu Asp Pro Gly Thr Arg Lys Pro Val Ser Phe Arg Val
65 70 75 80

Lys Glu Thr Asp Cys Pro Arg Thr Ser Gln Gln Pro Leu Glu Gln Cys
85 90 95

Asp Phe Lys Glu Asn Gly Leu Val Lys Gln Cys Val Gly Thr Val Thr
100 105 110

Leu Asp Pro Ser Asn Asp Gln Phe Asp Ile Asn Cys Asn Glu Leu Gln
115 120 125

Ser Val Arg Phe Arg Pro Pro Ile Arg Arg Pro Pro Ile Arg Pro Pro
130 135 140

Phe Tyr Pro Pro Phe Arg Pro Pro Ile Arg Pro Pro Ile Phe Pro Pro
145 150 155 160

Ile Arg Pro Pro Phe Arg Pro Pro Leu Gly Pro Phe Pro Gly Arg Arg
165 170 175

<210> 29
<211> 155
<212> PRT
<213> Bos taurus

<400> 29
Met Glu Thr Pro Arg Ala Ser Leu Ser Leu Gly Arg Trp Ser Leu Trp
1 5 10 15

Leu Leu Leu Leu Gly Leu Ala Leu Pro Ser Ala Ser Ala Gln Ala Leu
20 25 30

Ser Tyr Arg Glu Ala Val Leu Arg Ala Val Asp Gln Leu Asn Glu Gln
35 40 45

Ser Ser Glu Pro Asn Ile Tyr Arg Leu Leu Glu Leu Asp Gln Pro Pro
50 55 60

```
Gln Asp Asp Glu Asp Pro Asp Ser Pro Lys Arg Val Ser Phe Arg Val
 65                  70                  75                  80

Lys Glu Thr Val Cys Ser Arg Thr Thr Gln Gln Pro Pro Glu Gln Cys
                 85                  90                  95

Asp Phe Lys Glu Asn Gly Leu Leu Lys Arg Cys Glu Gly Thr Val Thr
            100                 105                 110

Leu Asp Gln Val Arg Gly Asn Phe Asp Ile Thr Cys Asn Asn His Gln
        115                 120                 125

Ser Ile Arg Ile Thr Lys Gln Pro Trp Ala Pro Pro Gln Ala Ala Arg
    130                 135                 140

Leu Cys Arg Ile Val Val Ile Arg Val Cys Arg
145                 150                 155


<210> 30
<211> 29
<212> PRT
<213> Ceratitis capitata

<400> 30
Ser Ile Gly Ser Ala Leu Lys Lys Ala Leu Pro Val Ala Lys Lys Ile
  1               5                  10                  15

Gly Lys Ile Ala Leu Pro Ile Ala Lys Ala Ala Leu Pro
            20                  25

<210> 31
<211> 29
<212> PRT
<213> Ceratitis capitata

<400> 31
Ser Ile Gly Ser Ala Phe Lys Lys Ala Leu Pro Val Ala Lys Lys Ile
  1               5                  10                  15

Gly Lys Ala Ala Leu Pro Ile Ala Lys Ala Ala Leu Pro
            20                  25

<210> 32
<211> 170
<212> PRT
<213> Homo sapiens

<400> 32
Met Lys Thr Gln Arg Asn Gly His Ser Leu Gly Arg Trp Ser Leu Val
  1               5                  10                  15

Leu Leu Leu Leu Gly Leu Val Met Pro Leu Ala Ile Ile Ala Gln Val
            20                  25                  30

Leu Ser Tyr Lys Glu Ala Val Leu Arg Ala Ile Asp Gly Ile Asn Gln
        35                  40                  45

Arg Ser Ser Asp Ala Asn Leu Tyr Arg Leu Leu Asp Leu Asp Pro Arg
    50                  55                  60
```

```
Pro Thr Met Asp Gly Asp Pro Asp Thr Pro Lys Pro Val Ser Phe Thr
 65                  70                  75                  80

Val Lys Glu Thr Val Cys Pro Arg Thr Thr Gln Gln Ser Pro Glu Asp
                85                  90                  95

Cys Asp Phe Lys Lys Asp Gly Leu Val Lys Arg Cys Met Gly Thr Val
            100                 105                 110

Thr Leu Asn Gln Ala Arg Gly Ser Phe Asp Ile Ser Cys Asp Lys Asp
        115                 120                 125

Asn Lys Arg Phe Ala Leu Leu Gly Asp Phe Phe Arg Lys Ser Lys Glu
    130                 135                 140

Lys Ile Gly Lys Glu Phe Lys Arg Ile Val Gln Arg Ile Lys Asp Phe
145                 150                 155                 160

Leu Arg Asn Leu Val Pro Arg Thr Glu Ser
                165                 170
```

<210> 33
<211> 170
<212> PRT
<213> Equus caballus

<400> 33

```
Met Glu Thr Gln Arg Asn Thr Arg Cys Leu Gly Arg Trp Ser Pro Leu
  1               5                  10                  15

Leu Leu Leu Leu Gly Leu Val Ile Pro Pro Ala Thr Thr Gln Ala Leu
            20                  25                  30

Ser Tyr Lys Glu Ala Val Leu Arg Ala Val Asp Gly Leu Asn Gln Arg
        35                  40                  45

Ser Ser Asp Glu Asn Leu Tyr Arg Leu Leu Glu Leu Asp Pro Leu Pro
    50                  55                  60

Lys Gly Asp Lys Asp Ser Asp Thr Pro Lys Pro Val Ser Phe Met Val
 65                  70                  75                  80

Lys Glu Thr Val Cys Pro Arg Ile Met Lys Gln Thr Pro Glu Gln Cys
                85                  90                  95

Asp Phe Lys Glu Asn Gly Leu Val Lys Gln Cys Val Gly Thr Val Ile
            100                 105                 110

Leu Asp Pro Val Lys Asp Tyr Phe Asp Ala Ser Cys Asp Glu Pro Gln
        115                 120                 125

Arg Val Lys Arg Phe His Ser Val Gly Ser Leu Ile Gln Arg His Gln
    130                 135                 140

Gln Met Ile Arg Asp Lys Ser Glu Ala Thr Arg His Gly Ile Arg Ile
145                 150                 155                 160

Ile Thr Arg Pro Lys Leu Leu Leu Ala Ser
                165                 170
```

<210> 34
<211> 159
<212> PRT
<213> Bos taurus

<400> 34
Met Glu Thr Gln Arg Ala Ser Leu Ser Leu Gly Arg Trp Ser Leu Trp
1 5 10 15

Leu Leu Leu Leu Gly Leu Ala Leu Pro Ser Ala Ser Ala Gln Ala Leu
20 25 30

Ser Tyr Arg Glu Ala Val Leu Arg Ala Val Asp Gln Leu Asn Glu Lys
35 40 45

Ser Ser Glu Ala Asn Leu Tyr Arg Leu Leu Glu Leu Asp Pro Pro Pro
50 55 60

Lys Glu Asp Asp Glu Asn Pro Asn Ile Pro Lys Pro Val Ser Phe Arg
65 70 75 80

Val Lys Glu Thr Val Cys Pro Arg Thr Ser Gln Gln Ser Pro Glu Gln
85 90 95

Cys Asp Phe Lys Glu Asn Gly Leu Leu Lys Glu Cys Val Gly Thr Val
100 105 110

Thr Leu Asp Gln Val Gly Ser Asn Phe Asp Ile Thr Cys Ala Val Pro
115 120 125

Gln Ser Val Gly Gly Leu Arg Ser Leu Gly Arg Lys Ile Leu Arg Ala
130 135 140

Trp Lys Lys Tyr Gly Pro Ile Ile Val Pro Ile Ile Arg Ile Gly
145 150 155

<210> 35
<211> 156
<212> PRT
<213> Equus asinus

<400> 35
Met Glu Thr Gln Arg Asn Thr Arg Cys Leu Gly Arg Trp Ser Pro Leu
1 5 10 15

Leu Leu Leu Leu Gly Leu Val Ile Pro Pro Ala Thr Thr Gln Ala Leu
20 25 30

Ser Tyr Lys Glu Ala Val Leu Arg Ala Val Asp Gly Leu Asn Gln Arg
35 40 45

Ser Ser Asp Glu Asn Leu Tyr Arg Leu Leu Glu Leu Asp Pro Leu Pro
50 55 60

Lys Gly Asp Lys Asp Ser Asp Thr Pro Lys Pro Val Ser Phe Met Val
65 70 75 80

Lys Glu Thr Val Cys Pro Arg Ile Met Lys Gln Thr Pro Glu Gln Cys
85 90 95

```
Asp Phe Lys Glu Asn Gly Leu Val Lys Gln Cys Val Gly Thr Val Ile
            100                 105                 110

Leu Gly Pro Val Lys Asp His Phe Asp Val Ser Cys Gly Glu Pro Gln
        115                 120                 125

Arg Val Lys Arg Phe Gly Arg Leu Ala Lys Ser Phe Leu Arg Met Arg
    130                 135                 140

Ile Leu Leu Pro Arg Arg Lys Ile Leu Leu Ala Ser
145                 150                 155
```

<210> 36
<211> 160
<212> PRT
<213> Ovis aries

<400> 36

```
Met Glu Thr Gln Arg Ala Ser Leu Ser Leu Gly Arg Cys Ser Leu Trp
  1               5                  10                  15

Leu Leu Leu Leu Gly Leu Ala Leu Pro Ser Ala Ser Ala Gln Val Leu
            20                  25                  30

Ser Tyr Arg Glu Ala Val Leu Arg Ala Ala Asp Gln Leu Asn Glu Lys
        35                  40                  45

Ser Ser Glu Ala Asn Leu Tyr Arg Leu Leu Glu Leu Asp Pro Pro Pro
    50                  55                  60

Lys Gln Asp Asp Glu Asn Ser Asn Ile Pro Lys Pro Val Ser Phe Arg
65                  70                  75                  80

Val Lys Glu Thr Val Cys Pro Arg Thr Ser Gln Gln Pro Ala Glu Gln
                85                  90                  95

Cys Asp Phe Lys Glu Asn Gly Leu Leu Lys Glu Cys Val Gly Thr Val
            100                 105                 110

Thr Leu Asp Gln Val Arg Asn Asn Phe Asp Ile Thr Cys Ala Glu Pro
        115                 120                 125

Gln Ser Val Arg Gly Leu Arg Arg Leu Gly Arg Lys Ile Ala His Gly
    130                 135                 140

Val Lys Lys Tyr Gly Pro Thr Val Leu Arg Ile Ile Arg Ile Ala Gly
145                 150                 155                 160
```

<210> 37
<211> 12
<212> PRT
<213> Bos taurus

<400> 37

```
Arg Leu Cys Arg Ile Val Val Ile Arg Val Cys Arg
  1               5                  10
```

<210> 38
<211> 30
<212> PRT
<213> Homo sapiens

<400> 38
Ala Cys Tyr Cys Arg Ile Pro Ala Cys Ile Ala Gly Glu Arg Arg Tyr
1 5 10 15

Gly Thr Cys Ile Tyr Gln Gly Arg Leu Trp Ala Phe Cys Cys
20 25 30

<210> 39
<211> 29
<212> PRT
<213> Homo sapiens

<400> 39
Cys Tyr Cys Arg Ile Pro Ala Cys Ile Ala Gly Glu Arg Arg Tyr Gly
1 5 10 15

Thr Cys Ile Tyr Gln Gly Arg Leu Trp Ala Phe Cys Cys
20 25

<210> 40
<211> 30
<212> PRT
<213> Homo sapiens

<400> 40
Asp Cys Tyr Cys Arg Ile Pro Ala Cys Ile Ala Gly Glu Arg Arg Tyr
1 5 10 15

Gly Thr Cys Ile Tyr Gln Gly Arg Leu Trp Ala Phe Cys Cys
20 25 30

<210> 41
<211> 33
<212> PRT
<213> Homo sapiens

<400> 41
Val Cys Ser Cys Arg Leu Val Phe Cys Arg Arg Thr Glu Leu Arg Val
1 5 10 15

Gly Asn Cys Leu Ile Gly Gly Val Ser Phe Thr Tyr Cys Cys Thr Arg
20 25 30

Val

<210> 42
<211> 33
<212> PRT
<213> Oryctolagus cuniculus

<400> 42
Val Val Cys Ala Cys Arg Arg Ala Leu Cys Leu Pro Arg Glu Arg Arg
1 5 10 15

Ala Gly Phe Cys Arg Ile Arg Gly Arg Ile His Pro Leu Cys Cys Arg
20 25 30

Arg

<210> 43
<211> 33
<212> PRT
<213> Oryctolagus cuniculus

<400> 43
Val Val Cys Ala Cys Arg Arg Ala Leu Cys Leu Pro Leu Glu Arg Arg
1 5 10 15

Ala Gly Phe Cys Arg Ile Arg Gly Arg Ile His Pro Leu Cys Cys Arg
20 25 30

Arg

<210> 44
<211> 34
<212> PRT
<213> Oryctolagus cuniculus

<400> 44
Gly Ile Cys Ala Cys Arg Arg Arg Phe Cys Pro Asn Ser Glu Arg Phe
1 5 10 15

Ser Gly Tyr Cys Arg Val Asn Gly Ala Arg Tyr Val Arg Cys Cys Ser
20 25 30

Arg Arg

<210> 45
<211> 34
<212> PRT
<213> Oryctolagus cuniculus

<400> 45
Gly Arg Cys Val Cys Arg Lys Gln Leu Leu Cys Ser Tyr Arg Glu Arg
1 5 10 15

Arg Ile Gly Asp Cys Lys Ile Arg Gly Val Arg Phe Pro Phe Cys Cys
20 25 30

Pro Arg

<210> 46
<211> 34
<212> PRT
<213> Oryctolagus cuniculus

<400> 46
Val Ser Cys Thr Cys Arg Arg Phe Ser Cys Gly Phe Gly Glu Arg Ala
1 5 10 15

Ser Gly Ser Cys Thr Val Asn Gly Gly Val Arg His Thr Leu Cys Cys
20 25 30

Arg Arg

<210> 47
<211> 33
<212> PRT
<213> Oryctolagus cuniculus

<400> 47
Val Phe Cys Thr Cys Arg Gly Phe Leu Cys Gly Ser Gly Glu Arg Ala
1 5 10 15

Ser Gly Ser Cys Thr Ile Asn Gly Val Arg His Thr Leu Cys Cys Arg
20 25 30

Arg

<210> 48
<211> 32
<212> PRT
<213> Rattus norvegicus

<400> 48
Val Thr Cys Tyr Cys Arg Arg Thr Arg Cys Gly Phe Arg Glu Arg Leu
1 5 10 15

Ser Gly Ala Cys Gly Tyr Arg Gly Arg Ile Tyr Arg Leu Cys Cys Arg
20 25 30

<210> 49
<211> 30
<212> PRT
<213> Rattus norvegicus

<400> 49
Cys Ser Cys Arg Tyr Ser Ser Cys Arg Phe Gly Glu Arg Leu Leu Ser
1 5 10 15

Gly Ala Cys Arg Leu Asn Gly Arg Ile Tyr Arg Leu Cys Cys
20 25 30

<210> 50
<211> 31
<212> PRT
<213> Rattus norvegicus

<400> 50
Ala Cys Thr Cys Arg Ile Gly Ala Cys Val Ser Gly Glu Arg Leu Thr
1 5 10 15

Gly Ala Cys Gly Leu Asn Gly Arg Ile Tyr Arg Leu Cys Cys Arg
20 25 30

<210> 51
<211> 31
<212> PRT
<213> Guinea pig cytomegalovirus

<400> 51
Arg Arg Cys Ile Cys Thr Thr Arg Thr Cys Arg Phe Pro Tyr Arg Arg
1 5 10 15

Leu Gly Thr Cys Ile Phe Gln Asn Arg Val Tyr Thr Phe Cys Cys
20 25 30

<210> 52
<211> 67
<212> PRT
<213> Homo sapiens

<400> 52
Met Arg Ile His Tyr Leu Leu Phe Ala Leu Leu Phe Leu Phe Leu Val
1 5 10 15

Pro Val Pro Gly His Gly Gly Ile Ile Asn Thr Leu Gln Lys Tyr Tyr
20 25 30

Cys Arg Val Arg Gly Gly Arg Cys Ala Val Leu Ser Cys Leu Pro Lys
35 40 45

Glu Glu Gln Ile Gly Lys Cys Ser Thr Arg Gly Arg Lys Cys Cys Arg
50 55 60

Arg Lys Lys
65

<210> 53
<211> 18
<212> PRT
<213> Macaca mulatta

<400> 53
Arg Cys Ile Cys Thr Arg Gly Phe Cys Arg Cys Leu Cys Arg Arg Gly
1 5 10 15

Val Cys

<210> 54
<211> 78
<212> PRT
<213> Helianthus annuus

<400> 54
Met Lys Ser Ser Met Lys Met Phe Ala Ala Leu Leu Leu Val Val Met
1 5 10 15

Cys Leu Leu Ala Asn Glu Met Gly Gly Pro Leu Val Val Glu Ala Arg
20 25 30

Thr Cys Glu Ser Gln Ser His Lys Phe Lys Gly Thr Cys Leu Ser Asp
35 40 45

Thr Asn Cys Ala Asn Val Cys His Ser Glu Arg Phe Ser Gly Gly Lys
50 55 60

Cys Arg Gly Phe Arg Arg Arg Cys Phe Cys Thr Thr His Cys
65 70 75

<210> 55
<211> 78
<212> PRT
<213> Helianthus annuus

<400> 55
Met Lys Ser Ser Met Lys Met Phe Ala Ala Leu Leu Leu Val Val Met
1 5 10 15

Cys Leu Leu Ala Asn Glu Met Gly Gly Pro Leu Val Val Glu Ala Arg
20 25 30

Thr Cys Glu Ser Gln Ser His Lys Phe Lys Gly Thr Cys Leu Ser Asp
35 40 45

Thr Asn Cys Ala Asn Val Cys His Ser Glu Arg Phe Ser Gly Gly Lys
50 55 60

Cys Arg Gly Phe Arg Arg Arg Cys Phe Cys Thr Thr His Cys
65 70 75

<210> 56
<211> 30
<212> PRT
<213> Macaca mulatta

<400> 56
Ala Cys Tyr Cys Arg Ile Pro Ala Cys Leu Ala Gly Glu Arg Arg Tyr
1 5 10 15

Gly Thr Cys Phe Tyr Met Gly Arg Val Trp Ala Phe Cys Cys
20 25 30

<210> 57
<211> 37
<212> PRT
<213> Androctonus Australis Hector

<400> 57
Gly Phe Gly Cys Pro Phe Asn Gln Gly Ala Cys His Arg His Cys Arg
1 5 10 15

Ser Ile Arg Arg Arg Gly Gly Tyr Cys Ala Gly Leu Phe Lys Gln Thr
20 25 30

Cys Thr Cys Tyr Arg
35

<210> 58
<211> 38
<212> PRT
<213> Mytilus galloprovincialis

<220>
<221> SITE
<222> (28)
<223> Xaa at this position can be any amino acid.

<400> 58
Gly Phe Gly Cys Pro Asn Asn Tyr Gln Cys His Arg His Cys Lys Ser
1 5 10 15

Ile Pro Gly Arg Cys Gly Gly Tyr Cys Gly Gly Xaa His Arg Leu Arg
20 25 30

Cys Thr Cys Tyr Arg Cys
35

<210> 59
<211> 54
<212> PRT
<213> Heuchera sanguinea

<400> 59
Asp Gly Val Lys Leu Cys Asp Val Pro Ser Gly Thr Trp Ser Gly His
1 5 10 15

Cys Gly Ser Ser Ser Lys Cys Ser Gln Gln Cys Lys Asp Arg Glu His
20 25 30

Phe Ala Tyr Gly Gly Ala Cys His Tyr Gln Phe Pro Ser Val Lys Cys
35 40 45

Phe Cys Lys Arg Gln Cys
50

<210> 60
<211> 49
<212> PRT
<213> Clitoria ternatea

<400> 60
Asn Leu Cys Glu Arg Ala Ser Leu Thr Trp Thr Gly Asn Cys Gly Asn
1 5 10 15

Thr Gly His Cys Asp Thr Gln Cys Arg Asn Trp Glu Ser Ala Lys His
20 25 30

Gly Ala Cys His Lys Arg Gly Asn Trp Lys Cys Phe Cys Tyr Phe Asn
35 40 45

Cys

<210> 61
<211> 91
<212> PRT
<213> Mus musculus

<400> 61
Met Lys Lys Leu Val Leu Leu Phe Ala Leu Val Leu Leu Ala Phe Gln
1 5 10 15

Val Gln Ala Asp Ser Ile Gln Asn Thr Asp Glu Glu Thr Lys Thr Glu
20 25 30

Glu Gln Pro Gly Glu Lys Asp Gln Ala Val Ser Val Ser Phe Gly Asp
35 40 45

Pro Gln Gly Ser Ala Leu Gln Asp Ala Ala Leu Gly Trp Gly Arg Arg
50 55 60

Cys Pro Gln Cys Pro Arg Cys Pro Ser Cys Pro Ser Cys Pro Arg Cys
65 70 75 80

Pro Arg Cys Pro Arg Cys Lys Cys Asn Pro Lys
85 90

<210> 62
<211> 40
<212> PRT
<213> Bos taurus

<400> 62
Gln Gly Val Arg Asn Phe Val Thr Cys Arg Ile Asn Arg Gly Phe Cys
1 5 10 15

Val Pro Ile Arg Cys Pro Gly His Arg Arg Gln Ile Gly Thr Cys Leu
20 25 30

Gly Pro Gln Ile Lys Cys Cys Arg
35 40

<210> 63
<211> 40
<212> PRT
<213> Bos taurus

<400> 63
Gln Gly Val Arg Asn Phe Val Thr Cys Arg Ile Asn Arg Gly Phe Cys
1 5 10 15

Val Pro Ile Arg Cys Pro Gly His Arg Arg Gln Ile Gly Thr Cys Leu
20 25 30

Gly Pro Arg Ile Lys Cys Cys Arg
35 40

<210> 64
<211> 42
<212> PRT
<213> Bos taurus

<400> 64
Gln Gly Val Arg Asn His Val Thr Cys Arg Ile Tyr Gly Gly Phe Cys
1 5 10 15

Val Pro Ile Arg Cys Pro Gly Arg Thr Arg Gln Ile Gly Thr Cys Phe
20 25 30

Gly Arg Pro Val Lys Cys Cys Arg Arg Trp
35 40

<210> 65
<211> 40
<212> PRT
<213> Bos taurus

<400> 65
Gln Val Val Arg Asn Pro Gln Ser Cys Arg Trp Asn Met Gly Val Cys
1 5 10 15

Ile Pro Ile Ser Cys Pro Gly Asn Met Arg Gln Ile Gly Thr Cys Phe
20 25 30

Gly Pro Arg Val Pro Cys Cys Arg
35 40

<210> 66
<211> 41
<212> PRT
<213> Bos taurus

<400> 66
Gln Arg Val Arg Asn Pro Gln Ser Cys Arg Trp Asn Met Gly Val Cys
1 5 10 15

Ile Pro Phe Leu Cys Arg Val Gly Met Arg Gln Ile Gly Thr Cys Phe
20 25 30

Gly Pro Arg Val Pro Cys Cys Arg Arg
35 40

<210> 67
<211> 42
<212> PRT
<213> Bos taurus

<400> 67
Gln Gly Val Arg Asn His Val Thr Cys Arg Ile Asn Arg Gly Phe Cys
1 5 10 15

Val Pro Ile Arg Cys Pro Gly Arg Thr Arg Gln Ile Gly Thr Cys Phe
20 25 30

Gly Pro Arg Ile Lys Cys Cys Arg Ser Trp
35 40

<210> 68
<211> 40
<212> PRT
<213> Bos taurus

<400> 68
Gln Gly Val Arg Ser Tyr Leu Ser Cys Trp Gly Asn Arg Gly Ile Cys
1 5 10 15

Leu Leu Asn Arg Cys Pro Gly Arg Met Arg Gln Ile Gly Thr Cys Leu
20 25 30

Ala Pro Arg Val Lys Cys Cys Arg
35 40

<210> 69
<211> 42
<212> PRT
<213> Bos taurus

<400> 69
Ser Gly Ile Ser Gly Pro Leu Ser Cys Gly Arg Asn Gly Gly Val Cys
1 5 10 15

Ile Pro Ile Arg Cys Pro Val Pro Met Arg Gln Ile Gly Thr Cys Phe
20 25 30

Gly Arg Pro Val Lys Cys Cys Arg Ser Trp
35 40

<210> 70
<211> 38
<212> PRT
<213> Bos taurus

<400> 70
Asp Phe Ala Ser Cys His Thr Asn Gly Gly Ile Cys Leu Pro Asn Arg
1 5 10 15

Cys Pro Gly His Met Ile Gln Ile Gly Ile Cys Phe Arg Pro Arg Val
20 25 30

Lys Cys Cys Arg Ser Trp
35

<210> 71
<211> 74
<212> PRT
<213> Zophobas atratus

<400> 71
Ser Leu Gln Gly Gly Ala Pro Asn Phe Pro Gln Pro Ser Gln Gln Asn
1 5 10 15

Gly Gly Trp Gln Val Ser Pro Asp Leu Gly Arg Asp Asp Lys Gly Asn
20 25 30

Thr Arg Gly Gln Ile Glu Ile Gln Asn Lys Gly Lys Asp His Asp Phe
35 40 45

Asn Ala Gly Trp Gly Lys Val Ile Arg Gly Pro Asn Lys Ala Lys Pro
50 55 60

Thr Trp His Val Gly Gly Thr Tyr Arg Arg
65 70

<210> 72
<211> 67
<212> PRT
<213> Homo sapiens

<400> 72
Met Arg Ile His Tyr Leu Leu Phe Ala Leu Leu Phe Leu Phe Leu Val
1 5 10 15

Pro Val Pro Gly His Gly Gly Ile Ile Asn Thr Leu Gln Lys Tyr Tyr
20 25 30

Cys Arg Val Arg Gly Gly Arg Cys Ala Val Leu Ser Cys Leu Pro Lys
35 40 45

Glu Glu Gln Ile Gly Lys Cys Ser Thr Arg Gly Arg Lys Cys Cys Arg
50 55 60

Arg Lys Lys
65

<210> 73
<211> 40
<212> PRT
<213> Aedes aegypti

<400> 73
Ala Thr Cys Asp Leu Leu Ser Gly Phe Gly Val Gly Asp Ser Ala Cys
1 5 10 15

Ala Ala His Cys Ile Ala Arg Gly Asn Arg Gly Gly Tyr Cys Asn Ser
20 25 30

Lys Lys Val Cys Val Cys Arg Asn
35 40

<210> 74
<211> 35
<212> PRT
<213> Mytilus edulis

<220>
<221> SITE
<222> (28)
<223> Xaa at this position can be any amino acid.

<400> 74
Gly Phe Gly Cys Pro Asn Asp Tyr Pro Cys His Arg His Cys Lys Ser
1 5 10 15

Ile Pro Gly Arg Tyr Gly Gly Tyr Cys Gly Gly Xaa His Arg Leu Arg
20 25 30

Cys Thr Cys
35

<210> 75
<211> 40
<212> PRT
<213> Sarcophaga peregrina

<400> 75
Ala Thr Cys Asp Leu Leu Ser Gly Ile Gly Val Gln His Ser Ala Cys
1 5 10 15

Ala Leu His Cys Val Phe Arg Gly Asn Arg Gly Gly Tyr Cys Thr Gly
20 25 30

Lys Gly Ile Cys Val Cys Arg Asn
35 40

<210> 76
<211> 95
<212> PRT
<213> Oryctolagus cuniculus

<400> 76
Met Arg Thr Leu Ala Leu Leu Ala Ala Ile Leu Leu Val Ala Leu Gln
1 5 10 15

Ala Gln Ala Glu His Val Ser Val Ser Ile Asp Glu Val Val Asp Gln
20 25 30

Gln Pro Pro Gln Ala Glu Asp Gln Asp Val Ala Ile Tyr Val Lys Glu
35 40 45

His Glu Ser Ser Ala Leu Glu Ala Leu Gly Val Lys Ala Gly Val Val
50 55 60

Cys Ala Cys Arg Arg Ala Leu Cys Leu Pro Arg Glu Arg Arg Ala Gly
65 70 75 80

Phe Cys Arg Ile Arg Gly Arg Ile His Pro Leu Cys Cys Arg Arg
85 90 95

<210> 77
<211> 92
<212> PRT
<213> Mus musculus

<400> 77
Met Lys Pro Leu Val Leu Leu Ser Ala Leu Val Leu Leu Ser Phe Gln
1 5 10 15

Val Gln Ala Asp Pro Ile Gln Asn Thr Asp Glu Glu Thr Lys Thr Glu
20 25 30

Glu Gln Ser Gly Glu Glu Asp Gln Ala Val Ser Val Ser Phe Gly Asp
35 40 45

Arg Glu Gly Ala Ser Leu Gln Glu Glu Ser Leu Arg Asp Leu Val Cys
50 55 60

Tyr Cys Arg Thr Arg Gly Cys Lys Arg Arg Glu Arg Met Asn Gly Thr
65 70 75 80

Cys Arg Lys Gly His Leu Met Tyr Thr Leu Cys Cys
85 90

<210> 78
<211> 93
<212> PRT
<213> Mus musculus

<400> 78
Met Lys Thr Phe Val Leu Leu Ser Ala Leu Val Leu Leu Ala Phe Gln
1 5 10 15

Val Gln Ala Asp Pro Ile His Lys Thr Asp Glu Glu Thr Asn Thr Glu
20 25 30

Glu Gln Pro Gly Glu Glu Asp Gln Ala Val Ser Ile Ser Phe Gly Gly
35 40 45

Gln Glu Gly Ser Ala Leu His Glu Glu Leu Ser Lys Lys Leu Ile Cys
50 55 60

Tyr Cys Arg Ile Arg Gly Cys Lys Arg Arg Glu Arg Val Phe Gly Thr
65 70 75 80

Cys Arg Asn Leu Phe Leu Thr Phe Val Phe Cys Cys Ser
85 90

<210> 79
<211> 35
<212> PRT
<213> Mus musculus

<400> 79
Leu Arg Asp Leu Val Cys Tyr Cys Arg Ala Arg Gly Cys Lys Gly Arg
1 5 10 15

Glu Arg Met Asn Gly Thr Cys Arg Lys Gly His Leu Leu Tyr Met Leu
20 25 30

Cys Cys Arg
35

<210> 80
<211> 43
<212> PRT
<213> Pyrrhocoris apterus

<400> 80
Ala Thr Cys Asp Ile Leu Ser Phe Gln Ser Gln Trp Val Thr Pro Asn
1 5 10 15

His Ala Gly Cys Ala Leu His Cys Val Ile Lys Gly Tyr Lys Gly Gly
20 25 30

Gln Cys Lys Ile Thr Val Cys His Cys Arg Arg
35 40

<210> 81
<211> 32
<212> PRT
<213> Rattus norvegicus

<400> 81
Val Thr Cys Tyr Cys Arg Ser Thr Arg Cys Gly Phe Arg Glu Arg Leu
1 5 10 15

Ser Gly Ala Cys Gly Tyr Arg Gly Arg Ile Tyr Arg Leu Cys Cys Arg
20 25 30

<210> 82
<211> 31
<212> PRT
<213> Rattus norvegicus

<400> 82
Val Thr Cys Ser Cys Arg Thr Ser Ser Cys Arg Phe Gly Glu Arg Leu
1 5 10 15

Ser Gly Ala Cys Arg Leu Asn Gly Arg Ile Tyr Arg Leu Cys Cys
20 25 30

<210> 83
<211> 34
<212> PRT
<213> Oryctolagus cuniculus

<400> 83
Gly Ile Cys Ala Cys Arg Arg Arg Phe Cys Leu Asn Phe Glu Gln Phe
1 5 10 15

Ser Gly Tyr Cys Arg Val Asn Gly Ala Arg Tyr Val Arg Cys Cys Ser
20 25 30

Arg Arg

<210> 84
<211> 64
<212> PRT
<213> Pan troglodytes

<400> 84
Met Arg Val Leu Tyr Leu Leu Phe Ser Phe Leu Phe Ile Phe Leu Met
1 5 10 15

Pro Leu Pro Gly Val Phe Gly Gly Ile Ser Asp Pro Val Thr Cys Leu
20 25 30

Lys Ser Gly Ala Ile Cys His Pro Val Phe Cys Pro Arg Arg Tyr Lys
35 40 45

Gln Ile Gly Thr Cys Gly Leu Pro Gly Thr Lys Cys Cys Lys Lys Pro
50 55 60

<210> 85
<211> 64
<212> PRT
<213> Homo sapiens

<400> 85
Met Arg Val Leu Tyr Leu Leu Phe Ser Phe Leu Phe Ile Phe Leu Met
1 5 10 15

Pro Leu Pro Gly Val Phe Gly Gly Ile Gly Asp Pro Val Thr Cys Leu
20 25 30

Lys Ser Gly Ala Ile Cys His Pro Val Phe Cys Pro Arg Arg Tyr Lys
35 40 45

Gln Ile Gly Thr Cys Gly Leu Pro Gly Thr Lys Cys Cys Lys Lys Pro
50 55 60

<210> 86
<211> 68
<212> PRT
<213> Homo sapiens

<400> 86
Met Arg Thr Ser Tyr Leu Leu Leu Phe Thr Leu Cys Leu Leu Leu Ser
1 5 10 15

Glu Met Ala Ser Gly Gly Asn Phe Leu Thr Gly Leu Gly His Arg Ser
20 25 30

Asp His Tyr Asn Cys Val Ser Ser Gly Gly Gln Cys Leu Tyr Ser Ala
35 40 45

Cys Pro Ile Phe Thr Lys Ile Gln Gly Thr Cys Tyr Arg Gly Lys Ala
50 55 60

Lys Cys Cys Lys
65

<210> 87
<211> 64
<212> PRT
<213> Capra hircus

<400> 87
Met Arg Leu His His Leu Leu Leu Val Leu Phe Phe Leu Val Leu Ser
1 5 10 15

Ala Gly Ser Gly Phe Thr Gln Gly Ile Arg Ser Arg Arg Ser Cys His
20 25 30

Arg Asn Lys Gly Val Cys Ala Leu Thr Arg Cys Pro Arg Asn Met Arg
35 40 45

Gln Ile Gly Thr Cys Phe Gly Pro Pro Val Lys Cys Cys Arg Lys Lys
50 55 60

<210> 88
<211> 64
<212> PRT
<213> Capra hircus

<400> 88
Met Arg Leu His His Leu Leu Leu Ala Leu Phe Phe Leu Val Leu Ser
1 5 10 15

Ala Gly Ser Gly Phe Thr Gln Gly Ile Ile Asn His Arg Ser Cys Tyr
20 25 30

Arg Asn Lys Gly Val Cys Ala Pro Ala Arg Cys Pro Arg Asn Met Arg
35 40 45

Gln Ile Gly Thr Cys His Gly Pro Pro Val Lys Cys Cys Arg Lys Lys
50 55 60

<210> 89
<211> 96
<212> PRT
<213> Macaca mulatta

<400> 89
Met Arg Thr Leu Val Ile Leu Ala Ala Ile Leu Leu Val Ala Leu Gln
1 5 10 15

Ala Gln Ala Glu Pro Leu Gln Ala Arg Thr Asp Glu Ala Thr Ala Ala
20 25 30

Gln Glu Gln Ile Pro Thr Asp Asn Pro Glu Val Val Val Ser Leu Ala
35 40 45

Trp Asp Glu Ser Leu Ala Pro Lys Asp Ser Val Pro Gly Leu Arg Lys
50 55 60

Asn Met Ala Cys Tyr Cys Arg Ile Pro Ala Cys Leu Ala Gly Glu Arg
65 70 75 80

Arg Tyr Gly Thr Cys Phe Tyr Arg Arg Arg Val Trp Ala Phe Cys Cys
85 90 95

<210> 90
<211> 96
<212> PRT
<213> Macaca mulatta

<400> 90
Met Arg Thr Leu Val Ile Leu Ala Ala Ile Leu Leu Val Ala Leu Gln
1 5 10 15

Ala Gln Ala Glu Pro Leu Gln Ala Arg Thr Asp Glu Ala Thr Ala Ala
20 25 30

Gln Glu Gln Ile Pro Thr Asp Asn Pro Glu Val Val Val Ser Leu Ala
35 40 45

Trp Asp Glu Ser Leu Ala Pro Lys Asp Ser Val Pro Gly Leu Arg Lys
50 55 60

Asn Met Ala Cys Tyr Cys Arg Ile Pro Ala Cys Leu Ala Gly Glu Arg
65 70 75 80

Arg Tyr Gly Thr Cys Phe Tyr Leu Gly Arg Val Trp Ala Phe Cys Cys
85 90 95

<210> 91
<211> 33
<212> PRT
<213> Mesocricetus auratus

<400> 91
Val Thr Cys Phe Cys Arg Arg Arg Gly Cys Ala Ser Arg Glu Arg His
1 5 10 15

Ile Gly Tyr Cys Arg Phe Gly Asn Thr Ile Tyr Arg Leu Cys Cys Arg
20 25 30

Arg

<210> 92
<211> 31
<212> PRT
<213> Mesocricetus auratus

<400> 92
Cys Phe Cys Lys Arg Pro Val Cys Asp Ser Gly Glu Thr Gln Ile Gly
1 5 10 15

Tyr Cys Arg Leu Gly Asn Thr Phe Tyr Arg Leu Cys Cys Arg Gln
20 25 30

<210> 93
<211> 39
<212> PRT
<213> Gallus gallus

<400> 93
Gly Arg Lys Ser Asp Cys Phe Arg Lys Asn Gly Phe Cys Ala Phe Leu
1 5 10 15

Lys Cys Pro Tyr Leu Thr Leu Ile Ser Gly Lys Cys Ser Arg Phe His
20 25 30

Leu Cys Cys Lys Arg Ile Trp
35

<210> 94
<211> 43
<212> PRT
<213> Allomyrina dichotoma

<400> 94
Val Thr Cys Asp Leu Leu Ser Phe Glu Ala Lys Gly Phe Ala Ala Asn
1 5 10 15

His Ser Leu Cys Ala Ala His Cys Leu Ala Ile Gly Arg Arg Gly Gly
20 25 30

Ser Cys Glu Arg Gly Val Cys Ile Cys Arg Arg
35 40

<210> 95
<211> 31
<212> PRT
<213> Cavia porcellus

<400> 95
Arg Arg Cys Ile Cys Thr Thr Arg Thr Cys Arg Phe Pro Tyr Arg Arg
1 5 10 15

Leu Gly Thr Cys Ile Phe Gln Asn Arg Val Tyr Thr Phe Cys Cys
20 25 30

<210> 96
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<220>
<221> VARIANT
<222> (1)..(2)
<223> Xaa can be any naturally occurring amino acid, represents a conservatively or nonconservatively substituted amino acid, and may be present or absent.

<220>
<221> VARIANT
<222> (4)..(4)
<223> Xaa can be any naturally occurring amino acid, and represents a conservatively or nonconservatively substituted amino acid.

<220>
<221> VARIANT
<222> (7)..(10)
<223> Xaa can be any naturally occurring amino acid, and represents a conservatively or nonconservatively substituted amino acid. The residue at position 10 may be present or absent.

<220>
<221> VARIANT
<222> (12)..(15)
<223> Xaa can be any naturally occurring amino acid, and represents a conservatively or nonconservatively substituted amino acid. The residue at position 15 may be present or absent.

<220>
<221> VARIANT
<222> (18)..(20)
<223> Xaa can be any naturally occurring amino acid, represents a conservatively or nonconservatively substituted amino acid, and may be present or absent.

<220>
<221> VARIANT
<222> (22)..(22)
<223> Xaa can be any naturally occurring amino acid, and represents a conservatively or nonconservatively substituted amino acid.

<220>
<221> VARIANT
<222> (24)..(32)
<223> Xaa can be any naturally occurring amino acid, and represents a conservatively or nonconservatively substituted amino acid. The residues at positions 29-32 may be present or absent.

<220>
<221> VARIANT
<222> (35)..(36)
<223> Xaa can be any naturally occurring amino acid, represents a conservatively or nonconservatively substituted amino acid, and may be present or absent.

<400> 96

Xaa Xaa Cys Xaa Cys Arg Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Glu
1 5 10 15

Arg Xaa Xaa Xaa Cys Xaa Gly Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
20 25 30

Cys Cys Xaa Xaa
35

<210> 97
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<220>
<221> VARIANT
<222> (8)..(21)
<223> Some or all of the residues may be present or absent.

<400> 97

Lys Leu Ala Lys Lys Leu Ala Lys Leu Ala Lys Lys Leu Ala Lys Leu
1 5 10 15

Ala Lys Lys Leu Ala
20

<210> 98
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<220>
<221> VARIANT
<222> (8)..(21)
<223> Some or all of the residues may be present or absent.

<400> 98

Lys Leu Ala Lys Leu Ala Lys Lys Leu Ala Lys Leu Ala Lys Lys Leu
1 5 10 15

Ala Lys Leu Ala Lys
20

<210> 99
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<220>
<221> VARIANT
<222> (8)..(21)
<223> Some or all of the residues may be present or absent.

<400> 99

Lys Ala Leu Lys Ala Leu Lys Lys Ala Leu Lys Ala Leu Lys Lys Ala
1 5 10 15

Leu Lys Ala Leu Lys
20

<210> 100
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<220>
<221> VARIANT
<222> (8)..(21)
<223> Some or all of the residues may be present or absent.

<400> 100

Lys Leu Gly Lys Lys Leu Gly Lys Leu Gly Lys Lys Leu Gly Lys Leu
1 5 10 15

Gly Lys Lys Leu Gly
20

<210> 101
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<220>
<221> VARIANT
<222> (8)..(21)
<223> Some or all of the residues may be present or absent.

<400> 101

Lys Ala Ala Lys Lys Ala Ala Lys Ala Ala Lys Lys Ala Ala Lys Ala
1 5 10 15

Ala Lys Lys Ala Ala
20